

# EAST

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	15584	(355/53,67,71.ccls. or 359/350, 355,361.ccls. or 501/53,54,57, 900,902,905.ccls. or 65/17.1-17.6, 30.1,32,414,421.ccls. or 430/5,22, 311.ccls.)	US-PGPUB; USPAT; DERWENT	OR	ON	2005/07/06 12:47
L2	4	1 and (lens\$2 and (fluence or energy near3 density) and (transition or transmittance or transmission)).clm.	US-PGPUB; USPAT; DERWENT	OR	ON	2005/07/06 13:01
L3	2	1 and (lens\$2 and (fluence or energy near3 density) and (slope or gradient or ramp or inclin\$6)).clm.	US-PGPUB; USPAT; DERWENT	OR	ON	2005/07/06 12:54
L4	6	1 and (lens\$2 and (fluence or energy near3 density) and (transition or transmittance or transmission or (hydrogen or oh or h\$1) near3 content)).clm.	US-PGPUB; USPAT; DERWENT	OR	ON	2005/07/06 13:02
S1	9	US-6295841-\$.DID. OR US-6339505-\$.DID. OR US-6543254-\$.DID. OR US-5296891-\$.DID. OR US-5229872-\$.DID.	US-PGPUB; USPAT; DERWENT	OR	ON	2005/06/09 13:01
S2	5	US-6295841-\$.DID. OR US-6339505-\$.DID. OR US-6543254-\$.DID. OR US-5296891-\$.DID. OR US-5229872-\$.DID.	USPAT	OR	ON	2005/06/09 11:34
S3	5	((("20030115904") or ("20030051507") or ("20030115905") or ("20030119652") or ("20010030798"))).PN.	US-PGPUB	OR	OFF	2005/06/09 11:34
S4	3	fluence same (densified or rarefied) same (energy or radiation or light or pulses)	US-PGPUB; USPAT; DERWENT	OR	ON	2005/06/09 13:06
S5	0	S4 same lens\$2	US-PGPUB; USPAT; DERWENT	OR	ON	2005/06/09 13:06
S6	18	lens\$2 same (densified or rarefied) same (energy or radiation or light or pulses)	US-PGPUB; USPAT; DERWENT	OR	ON	2005/06/09 13:45
S7	118	lens\$2 same (densification or densif\$4 or raref\$4 or rarefication) same (energy or radiation or light or pulses)	US-PGPUB; USPAT; DERWENT	OR	ON	2005/06/09 13:41

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S8	12	(maximum or minimum) near4 (densification or densification or rarefaction) near4 (value or amount or quantity or setting)	US-PGPUB; USPAT; DERWENT	OR	ON	2005/06/09 13:22
S9	0	S7 and S8	US-PGPUB; USPAT; DERWENT	OR	ON	2005/06/09 13:22
S10	1	"5478371".PN.	USPAT; USOCR	OR	ON	2005/06/09 13:40
S11	1	"5616159".PN.	USPAT; USOCR	OR	ON	2005/06/09 13:40
S12	12	lens\$2 same (densification or densification or rarefaction) same (energy or radiation or light or pulses)	EPO; JPO; DERWENT	OR	ON	2005/06/09 13:42
S13	10192	lens\$2 same compact\$3 same (energy or radiation or light or pulses)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/09 13:46
S14	22	lens\$2 same fluence and S13	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/09 13:46
S15	104	fluence near5 lens	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/16 12:52
S16	5105	(fluence or h or "h.sub.d") near5 (".8" or "0.8")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/16 12:53
S17	5	S15 and S16	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/16 12:57
S18	23	lens same S16	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/16 12:59
S19	1	lens same S16 and fluence	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/16 12:58
S20	3	lens same (mj adj cm4 or j adj cm3 joules near2 centimeter)	US-PGPUB; USPAT; DERWENT	OR	ON	2005/06/16 13:06
S21	3	lens same (mj adj cm4 or j adj cm3 or joules near2 centimeter)	US-PGPUB; USPAT; DERWENT	OR	ON	2005/06/16 13:07

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S22	0	lens same (mj adj cm4 or j adj cm3 or joules near2 centimeter)	EPO; JPO; DERWENT	OR	ON	2005/06/16 13:09
S23	468	lens same transition near3 point	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/16 13:10
S24	1	S23 and fluence	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/16 13:11
S25	20647	fused near2 silica	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/16 13:12
S26	35	S25 same (h2 or h or hydrogen) near4 (content or concentration) same molecules	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/16 13:16
S27	73	S25 same oh near4 (content or concentration or weight) same ppm	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/16 13:20
S28	10	S26 and S27	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/16 13:28
S29	0	transmittance and absorption near3 coefficient near2 fused adj silica and lenght near3 path near2 (light or radiation or beam or source)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/16 13:30
S30	1	transmittance and absorption near3 coefficient near2 fused adj silica	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/16 13:30
S31	8	transmittance and absorption near5 coefficient same fused adj silica	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/16 13:38
S32	12	"193" adj nm and absorption near5 coefficient same fused adj silica	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/16 13:39
S33	18	S26 and transmittance	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/16 13:42

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S34	5	S32 and transmittance	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/16 13:40
S35	0	(lens\$2 and fluence and transition and (dense or rarif\$4)).clm.	US-PGPUB; USPAT; DERWENT	OR	ON	2005/07/05 11:52
S36	70	(lens\$2 and fluence and transition and (dense or rarif\$4))	US-PGPUB; USPAT; DERWENT	OR	ON	2005/07/05 12:52
S37	26	(lens\$2 same fluence) and (lens\$2 same (transition or dense or densif\$4 or rarif\$4))	US-PGPUB; USPAT; DERWENT	OR	ON	2005/07/05 12:26
S38	1	(lens\$2 and fluence and (transition or transmittance or transmission) and (absorption adj coefficient)).clm.	US-PGPUB; USPAT; DERWENT	OR	ON	2005/07/05 12:57
S39	2	(lens\$2 and fluence and (transition or transmittance or transmission) and (number near2 pulses)).clm.	US-PGPUB; USPAT; DERWENT	OR	ON	2005/07/05 13:02
S40	1	(lens\$2 and fluence and (transition or transmittance or transmission) and fused near2 silica).clm.	US-PGPUB; USPAT; DERWENT	OR	ON	2005/07/05 13:03
S41	1	(lens\$2 and fluence and (transition or transmittance or transmission) and oh).clm.	US-PGPUB; USPAT; DERWENT	OR	ON	2005/07/05 13:04
S42	1	(lens\$2 and fluence near2 gradient).clm.	US-PGPUB; USPAT; DERWENT	OR	ON	2005/07/06 10:28
S43	2	(lens\$2 and fluence and pulse near2 length).clm.	US-PGPUB; USPAT; DERWENT	OR	ON	2005/07/06 10:28
S44	62172	(transmittance or transmission) same (relationship or formula or equation)	US-PGPUB; USPAT; DERWENT	OR	ON	2005/07/06 09:28
S45	0	S44 and absorption near2 coefficient same wavelength and total near2 absorption near2 coefficient same million near2 pulses same 'mJ/cm\$2' same wavelength and path near2 length	US-PGPUB; USPAT; DERWENT	OR	ON	2005/07/06 09:32
S46	1	S44 and absorption near2 coefficient same wavelength and total near2 absorption near2 coefficient same million near2 pulses same wavelength and path near2 length	US-PGPUB; USPAT; DERWENT	OR	ON	2005/07/06 09:33

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S47	1	S44 and total near2 absorption near2 coefficient same million near2 pulses same wavelength and path near2 length	US-PGPUB; USPAT; DERWENT	OR	ON	2005/07/06 09:36
S48	349	soot same vitrif\$6	US-PGPUB; USPAT; DERWENT	OR	ON	2005/07/06 09:37
S49	113	silica same S48	US-PGPUB; USPAT; DERWENT	OR	ON	2005/07/06 09:37
S50	14	S49 and (h\$1 or hydrogen) near2 content	US-PGPUB; USPAT; DERWENT	OR	ON	2005/07/06 10:13
S51	866	S44 and energy near3 density	US-PGPUB; USPAT; DERWENT	OR	ON	2005/07/06 10:12
S52	30	S51 and (h\$1 or hydrogen) near2 content	US-PGPUB; USPAT; DERWENT	OR	ON	2005/07/06 10:13
S53	0	(lens\$2 and energy near3 density near2 gradient).clm.	US-PGPUB; USPAT; DERWENT	OR	ON	2005/07/06 10:28
S54	3	(lens\$2 and energy near3 density and pulse near2 length).clm.	US-PGPUB; USPAT; DERWENT	OR	ON	2005/07/06 10:29